



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application No.	10/664,023
		Filing Date	September 15, 2003
		First Named Inventor	Tinku Acharya
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
Total Number of Pages in This Submission		Attorney Docket Number	42P15466X

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	December 12, 2003

CERTIFICATE OF MAILING/TRANSMISSION

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SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Docket No.: 42P15466X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

TINKU ACHARYA

Application No.: 10/664,023

Filed: September 15, 2003

For: **FOUR-COLOR MOSAIC PATTERN FOR
DEPTH AND IMAGE CAPTURE**

Art Group: Not Assigned

Examiner: Not Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 10/376,156, filed February 28, 2003) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

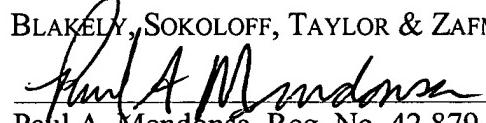
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

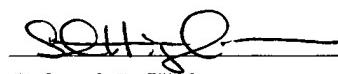
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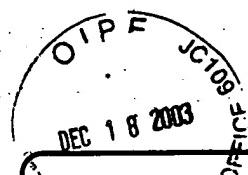
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

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9

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/664,023
		Filing Date	9/15/2003
		First Named Inventor	Tinku Acharya
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
		Attorney Docket Number	42P15466 X
Sheet	1	of	9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
1	US-5,875,122		02-23-1999	Acharya	
2	US-5,995,210		11-30-1999	Acharya	
3	US-6,009,201		12-28-1999	Acharya	
4	US-6,009,206		12-28-1999	Acharya	
5	US-6,047,303		04-04-2000	Acharya	
6	US-6,091,851		07-18-2000	Acharya	
7	US-6,094,508		07-25-2000	Acharya et al.	
8	US-6,108,453		08-22-2000	Acharya	
9	US-6,124,811		09-26-2000	Acharya et al.	
10	US-6,130,960		10-10-2000	Acharya	
11	US-6,151,069		11-21-2000	Dunton et al.	
12	US-6,151,415		11-21-2000	Acharya et al.	
13	US-6,154,493		11-28-2000	Acharya et al.	
14	US-6,166,664		12-26-2000	Acharya	
15	US-6,178,269 B1		01-23-2001	Acharya	
16	US-6,195,026 B1		02-27-2001	Acharya	
17	US-6,215,908 B1		04-10-2001	Pazmino et al.	
18	US-6,215,916 B1		04-10-2001	Acharya	
19	US-6,229,578 B1		05-08-2001	Acharya et al.	
20	US-6,233,358 B1		05-15-2001	Acharya	

FOREIGN PATENT DOCUMENTS

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Signature**

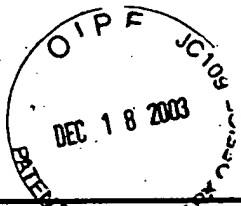
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/664,023
				Filing Date	9/15/2003
				First Named Inventor	Tinku Acharya
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	42P15466v
Sheet	2	of	9		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
21		US-6,236,433 B1	05-22-2001	Acharya et al.	
22		US-6,236,765 B1	05-22-2001	Acharya	
23		US-6,269,181 B1	07-31-2001	Acharya	
24		US-6,275,206 B1	08-14-2001	Tsai et al.	
25		US-6,285,796 B1	09-04-2001	Acharya et al.	
26		US-6,292,114 B1	09-18-2001	Tsai et al.	
27		US-6,301,392 B1	10-09-2001	Acharya	
28		US-6,348,929 B1	02-19-2002	Acharya et al.	
29		US-6,351,555 B1	02-26-2002	Acharya et al.	
30		US-6,356,276 B1	03-12-2002	Acharya	
31		US-6,366,692 B1	04-02-2002	Acharya	
32		US-6,366,694 B1	04-02-2002	Acharya	
33		US-6,373,481 B1	04-16-2002	Tan et al.	
34		US-6,377,280 B1	04-23-2002	Acharya et al.	
35		US-6,381,357 B1	04-30-2002	Tan et al.	
36		US-6,392,699 B1	05-21-2002	Acharya	
37		US-6,535,648 B1	03-18-2003	Acharya	
38		US-6,449,380 B1	09-10-2002	Acharya et al.	
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FOREIGN PATENT DOCUMENTS

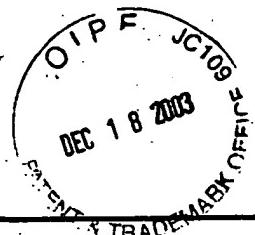
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				Filing Date	9/15/2003
				First Named Inventor	Tinku Acharya
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	42P15466 X
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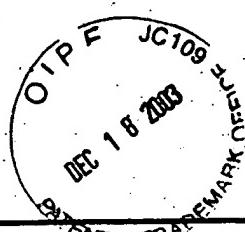
OTHER ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T*
	39	TINKU ACHARYA, "A Memory Based VLSI Architecture for Image Compression," Filed 6/30/1997, Application No.: 08/885,415, pp. 1-36, Atty. Docket No.: 042390.P4425.				
	40	BAWOLEK ET AL., "Infrared Correction System," Filed 7/30/1998, Application No.: 09/126,203, pp. 1-23, Atty. Docket No.: INTL-0072-US (P6172).				
	41	PAZMINO ET AL., "Method of Compressing and/or Decompressing a Data Set Using Significance Mapping," Filed 9/11/1998, Application No.: 09/151,336, pp. 1-26, Atty. Docket No.: 042390.P6391.				
	42	TAN ET AL., "Robust Sequential Approach in Detecting Defective Pixels within an Image Sensor," Filed 11/13/1998, Application No.: 09/191,310, pp. 1-35, Atty. Docket No.: 042390.P6575.				
	43	ACHARYA ET AL., "Color Interpolation for a Four Color Mosaic Pattern," Filed 1/1/24/1998; Application No.: 09/199,836, pp. 1-26, Atty. Docket No.: 042390.P6376.				
	44	TAN ET AL., "Using an Electronic Camera to Build a File Containing Text," Filed 4/29/1999, Application No.: 09/301,753, pp. 1-21, Atty. Docket No. 042390.P5742.				
	45	TSAI ET AL., "Method and Apparatus for Adaptively Sharpening an Image," Filed 5/26/1999, Application No.: 09/320,192, pp. 1-29, Atty. Docket No.: 042390.P6452.				
	46	TAN ET AL., "Method and Apparatus for Adaptively Sharpening Local Image Content of an Image," Filed 6/09/1999, Application No.: 09/328,935, pp. 1-29, Atty. Docket No.: 042390.P7125.				
	47	TAN ET AL., "A Hardware Efficient Wavelet-Based Video Compression Scheme," Filed 6/29/1999, Application No.: 09,342,863, pp. 1-32, Atty. Docket No.: 042390.P6529.				
	48	TAN ET AL., "A Methodology for Color Correction with Noise Regulation," Filed 7/23/1999, Application No.: 09/359,231, pp. 1-30, Atty. Docket No.: 042390.P7320.				
	49	ACHARYA ET AL., "Image Processing Method and Apparatus," Filed 7/23/1999, Application No.: 09/359,523, pp. 1-16, Atty. Docket No.: INTL-0237-US (P7323).				
	50	ACHARYA ET AL., "Zerotree Encoding of Wavelet Data," Filed 9/03/1999, Application No.: 09/390,255, pp. 1-22, Atty. Docket No.: INTL-0210-US (P7057).				
	51	ACHARYA ET AL., "A Fuzzy Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,136, pp. 1-28, Atty. Docket No.: 042390.P7114.				
	52	ACHARYA ET AL., "A Fuzzy Distinction Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,017, pp. 1-29, Atty. Docket No.: 042390.P7115.				

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO				Complete if Known	
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				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	42P15466 x
Sheet	4	of	9		

OTHER ART - NON PATENT LITERATURE DOCUMENTS

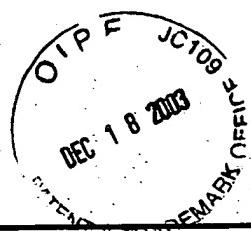
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	53	TINKU ACHARYA, "Video Motion Estimation," Filed 9/27/1999, Application No.: 09/406,032, pp. 1-24, Atty. Docket No.: INTL-0260-US (P7330).	
	54	ACHARYA ET AL., "Method of Interpolating Color Pixel Signals from a Subsampled Color Image," Filed 10/01/1999, Application No.: 09/410,800; Atty. Docket No.: 042390.P7331.	
	55	ACHARYA ET AL., "Method of Compressing a Color Image," Filed 10/01/1999, Application No.: 09/411,697, pp. 1-26, Atty. Docket No.: 042390.P7463.	
	56	ACHARYA ET AL., "Square Root Raised Cosine Symmetric Filter for Mobile Telecommunications," Filed 10/29/1999, Application No.: 09/429,058, pp. 1-26, Atty. Docket No.: INTL-0280-US (P7629).	
	57	TINKU ACHARYA, "Discrete Filter," Filed 11/02/1999, Application No.: 09/432,337, pp. 1-16, Atty. Docket No.: INTL-0277-US (P7626).	
	58	ACHARYA ET AL., "Indexing Wavelet Compressed Video for Efficient Data Handling," Filed 11/10/1999, Application No.: 09/438,091, pp. 1-29, Atty. Docket No.: INTL-0261-US (P6454).	
	59	TINKU ACHARYA, "Method of Upscaling a Color Image," Filed 12/14/1999, Application No.: 09/461,080, pp. 1-22, Atty. Docket No.: 042390.P7489.	
	60	TINKU ACHARYA, "Method of Converting a Sub-Sampled Color Image," Filed 12/14/1999, Application No.: 09/461,068, pp. 1-22, Atty. Docket No.: 042390.P7490.	
	61	ACHARYA ET AL., "Chip Rate Selectable Square Root Raised Cosine Filter for Mobile Telecommunications," Filed 12/20/1999, Application No.: 09/467,487, pp. 1-44, Atty. Docket No.: INTL-0323-US (P8026).	
	62	MIAO ET AL., "Dual Mode Filter for Mobile Telecommunications," Filed 11/18/1999, Application No.: 09/467,611, pp. 1-31, Atty. Docket No.: INTL-0324-US (P8027).	
	63	METZ ET AL., "Image Processing Architecture," Filed 12/28/1999, Application No.: 09/473,643, pp. 1-16, Atty. Docket No.: INTL-0322-US (P8050).	
	64	TINKU ACHARYA, "A Block-Matching Algorithm for Color Interpolation," Filed 1/28/2000, Application No.: 09/494,087, pp. 1-45, Atty. Docket No.: 042390.P5090D.	
	65	ACHARYA ET AL., "Method of Inverse Quantizing Quantized Signal Samples of an Image During Image Decompression," Filed 2/18/2000, Application No.: 09/507,213, pp. 1-32, Atty. Docket No.: 042390.P8350.	

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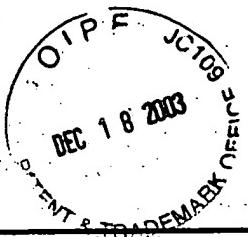
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	66	ACHARYA ET AL., "Method of Quantizing Signal Samples of an Image During Image Compression," Filed 2/18/2000, Application No.: 09/507,399, pp. 1-24, Atty. Docket No.: 042390.P7135.	
	67	ACHARYA ET AL., "Method of Integrating a Watermark into an Image," Filed 3/06/2000, Application No.: 09/519,874, pp. 1-27, Atty. Docket No.: 042390.P7136.	
	68	ACHARYA ET AL., "Method of Using Hue to Interpolate Color Pixel Signals," Filed 6/12/2000, Application No.: 09/591,867, pp. 1-23, Atty. Docket No.: 042390.P8746.	
	69	KIM ET AL., "Method of Performing Motion Estimation," Filed 6/16/2000, Application No.: 09/596,127, pp. 1-28, Atty. Docket No.: 042390.P8747.	
	70	DUNTON ET AL., "Dual Mode Digital Camera for Video and Still Operation," Filed 6/16/2000, Application No.: 09/595,055, pp. 1-30, Atty. Docket No.: 042390.P5079C.	
	71	ACHARYA ET AL., "Method of Compressing an Image," Filed 6/19/2000, Application No.: 09/597,354, pp. 1-23, Atty. Docket No.: 042390.P8760.	
	72	ACHARYA ET AL., "Method of Video Coding the Movement of a Human Face from a Sequence of Images," Filed 6/30/2000, Application No.: 09/608,989, pp. 1-25, Atty. Docket No.: 042390.P8762.	
	73	ACHARYA ET AL., "Method of Video Coding Shoulder Movement from a Sequence of Images," Filed 6/30/2000, Application No.: 09/607,724, pp. 1-24, Atty. Docket No.: 042390.P8763.	
	74	ACHARYA ET AL., "Model-Based Video Image Coding," Filed 6/30/2000, Application No.: 09/608,991, pp. 1-36, Atty. Docket No.: 042390.P8764.	
	75	TINKU ACHARYA, "Techniques to Implement One-Dimensional Compression," Filed 9/18/2000, Application No.: 09/666,486, pp. 1-18, Atty. Docket No.: 042390.P9921.	
	76	ACHARYA ET AL., "Imaging Device Connected to Processor-Based System Using High-Bandwidth Bus," Filed 11/29/2000, Application No.: 09/726,773, pp. 1-31, Atty. Docket No.: INTL-0494-US (P10274).	
	77	ACHARYA ET AL., "A Method for Block-Based Digital Image Watermarking," Filed 11/29/00, Application No.: 09/727,288, pp. 1-11, Atty. Docket No.: 5038-84 (P10266).	
	78	ACHARYA ET AL., "Color Filter Array & Color Interpolation Algorithm," Filed 11/30/2000, Application No.: 09/727,038, pp. 1-36, Atty. Docket No.: INTL-0512-US (P10263).	
	79	KIM ET AL., "Method of Performing Video Encoding Rate Control," Filed 1/03/2001, Application No.: 09/754,227, pp. 1-28, Atty. Docket No.: 042390.P10264.	

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OTHER ART - NON PATENT LITERATURE DOCUMENTS

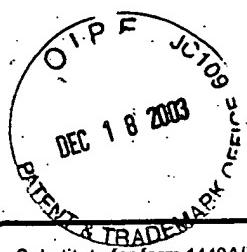
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	80	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Motion Estimation," Filed 1/03/2001; Application No.: 09/754,683, pp. 1-27, Atty. Docket No.: 042390.P10265.	
	81	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Bit Budget," Filed 1/03/2001, Application No.: 09/754,682, pp. 1-25, Atty. Docket No.: 042390.P10587.	
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Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet **7** of **9**

Complete if Known	
Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T?
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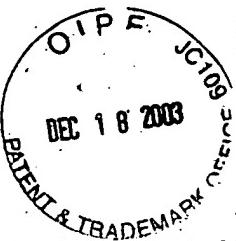
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Complete if Known	
Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466X

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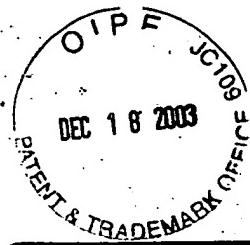
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